

PRODUCTION OF ALPHA-OLEFIN OLIGOMER

Patent number: JP7149674
Publication date: 1995-06-13
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Classification:
- international: C08F10/00; C07C11/107; C10G50/00; B01J31/14;
C07C2/30; C08F4/69; C07B61/00
- european:
Application number: JP19930329668 19931130
Priority number(s): JP19930329668 19931130

Abstract of JP7149674

PURPOSE:To obtain a process for the production of an alpha-olefin oligomer such as 1-hexene in high yield and selectivity and especially capable of improving the purity of the obtained alpha-olefin oligomer by removing the catalytic component such as chromium compound from the reaction liquid.

CONSTITUTION:An alpha-olefin is oligomerized in a solvent using a catalyst system consisting of at least a combination of a chromium compound, an amine or a metal amide and an alkylaluminum compound. The reaction liquid containing the catalyst component is brought into contact with an aqueous solution of an acid or an alkali to remove the catalyst component.

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